

Indecision and Decision Paralysis in the Digital Age: The Paradox of Choice and the Role of Intolerance of Uncertainty

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ABSTRACT

Why does having more options so often leave people feeling worse, not better? This question anchors a growing literature on choice overload — the empirically documented reversal in which choice abundance undermines rather than enhances well-being. Two decades of research have produced robust directional findings without fully accounting for who suffers most, or why digital environments appear to intensify the effect. This paper argues that Intolerance of Uncertainty (IU) is the dispositional key linking choice overload to chronic indecision, and that contemporary digital platforms are structurally engineered to activate IU rather than relieve it. Through a Qualitative Meta-Synthesis (QMS) of peer-reviewed literature from 2000 to 2024 — drawing exclusively on verified, DOI-resolvable sources — the paper reconstructs the cognitive and emotional pathway from digital abundance to decision paralysis. Drawing on 16 verified studies spanning cognitive psychology, behavioural economics, neuroimaging, and design research, the synthesis identifies the Hick-Hyman Law as the quantitative foundation, ego depletion as the self-regulatory mechanism, and dark-pattern interface design as the environmental amplifier. Two novel descriptive constructs are introduced: Chronic Procrastination and Avoidance in Decision-making (CPAD) and Algorithmic Decision Dependence (ADD). Four meaningful gaps in the existing literature are identified, including the absence of longitudinal studies in naturalistic digital settings and the lack of validated instruments for IU in digital contexts. The paper concludes with evidence-based recommendations for platform redesign, clinical practice, regulatory policy, and individual decision hygiene, and frames choice architecture as a legitimate domain for public-interest oversight rather than consumer preference alone.

Keywords: *decision paralysis; paradox of choice; intolerance of uncertainty; digital choice architecture; cognitive load and ego depletion; FOMO and maximising tendency*

